

Serial No. 09/923,223



COPY OF PAPERS  
ORIGINALLY FILED

Docket No. C01104/70076

# DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## ULTRAVIOLET LIGHT EMITTING DIODE SYSTEMS AND METHODS

COPY OF PAPERS  
ORIGINALLY FILED

the specification of which is attached hereto unless the following is checked:

☒ was filed on August 6, 2001, as United States Application No. 09/923,223, bearing attorney docket No. C01104/70076, and was amended on November 28, 2001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

			Priority Claimed	
			[ ]	[ ]
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES	NO

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>60/235,678</u>	<u>September 27, 2000</u>
(Application Number)	(filing date)
<u>60/222,847</u>	<u>August 4, 2000</u>
(Application Number)	(filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>09/669,121</u> (Application No.)	<u>09/25/00</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/425,770</u> (Application No.)	<u>10/22/99</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>08/920,156</u> (Application No.)	<u>08/26/97</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>09/215,624</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,607</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,189</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,581</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,540</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/333,739</u> (Application No.)	<u>06/15/99</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/742,017</u> (Application No.)	<u>12/20/00</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,548</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>09/815,418</u> (Application No.)	<u>03/22/01</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/626,905</u> (Application No.)	<u>07/27/00</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)

<u>09/213,659</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>60/071,281</u> (Application No.)	<u>12/17/97</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)
<u>60/078,861</u> (Application No.)	<u>03/20/98</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)
<u>60/079,285</u> (Application No.)	<u>03/25/98</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)
<u>60/090,020</u> (Application No.)	<u>06/26/98</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)
<u>60/068,792</u> (Application No.)	<u>12/24/97</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)

## PCT International Applications designating the United States:

<u>(PCT Appl. No.)</u>	<u>(U.S. Ser. No.)</u>	<u>(PCT filing date)</u>	<u>(status-patented,pending,abandoned)</u>
------------------------	------------------------	--------------------------	--

<u>(PCT Appl. No.)</u>	<u>(U.S. Ser. No.)</u>	<u>(PCT filing date)</u>	<u>(status-patented,pending,abandoned)</u>
------------------------	------------------------	--------------------------	--

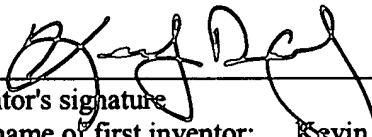
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen	40,886	Robert E. Hunt	39,231	Stanley Sacks	19,900
John N. Anastasi	37,765	Ronald J. Kransdorf	20,004	Robert A. Skrivanek, Jr.	41,316
Gary S. Engelson	35,128	Peter C. Lando	34,654	Alan W. Steele	45,128
Neil P. Ferraro	39,188	Helen C. Lockhart	39,248	Mark Steinberg	40,828
Thomas G. Field	45,596	Matthew B. Lowrie	38,228	Joseph Teja, Jr.	45,157
Stephen R. Finch	42,534	William R. McClellan	29,409	John R. Van Amsterdam	40,212
Edward R. Gates	31,616	Daniel P. McLoughlin	46,066	Robert H. Walat	46,324
Richard F. Giunta	36,149	James H. Morris	34,681	Lisa E. Winsor	44,405
Lawrence M. Green	29,384	Timothy J. Oyer	36,628	David Wolf	17,528
George L. Greenfield	17,756	Edward F. Perlman	28,105	Douglas R. Wolf	36,971
James M. Hanifin, Jr.	39,213	Elizabeth R. Plumer	36,637	Edward Nortrup	42,941
Steven J. Henry	27,900	Randy J. Pritzker	35,986		
Jason M. Honeyman	31,624	Edward J. Russavage	43,069		


Address all telephone calls to Richard F. Giunta at telephone no. (617) 720-3500. Address all correspondence to

Richard F. Giunta  
c/o Wolf, Greenfield & Sacks, P.C.,  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210-2211

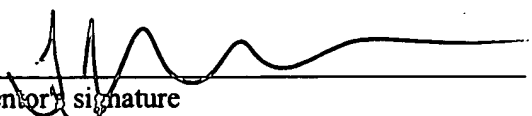
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
Inventor's signature  
Full name of first inventor: Kevin J. Dowling  
Citizenship: U.S.A.  
Residence: 23 Village View Road, Westford, MA 01886  
Post Office Address: 23 Village View Road, Westford, MA 01886

11/29/01  
Date

  
Inventor's signature  
Full name of second inventor: Frederick M. Morgan  
Citizenship: U.S.A.  
Residence: 157 Butler Road, Quincy, MA 02169  
Post Office Address: 157 Butler Road, Quincy, MA 02169

12/17/01  
Date

  
Inventor's signature  
Full name of third inventor: George G. Mueller  
Citizenship: U.S.A.  
Residence: 234 Hanover Street, Boston, MA 02113  
Post Office Address: 234 Hanover Street, Boston, MA 02113

12-12-2002  
Date

Serial No. 09/923,223

-5-

Docket Number: C01104/70076



12-12-01

Inventor's signature

Date

Full name of fourth inventor: Ihor A. Lys

Citizenship: U.S.A.

Residence: 476 Beacon Street, Apartment 6, Boston, MA 02115

Post Office Address: 476 Beacon Street, Apartment 6, Boston, MA 02115

Inventor's signature

Date

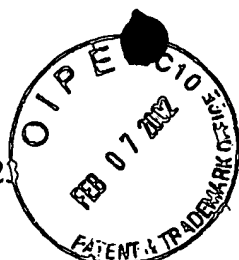
Full name of fifth inventor: Matthew L. Tullman

Citizenship: U.S.A.

Residence: 115 Thoreau Way, Lawrence, MA 01843

Post Office Address: 115 Thoreau Way, Lawrence, MA 01843

Serial No. 09/923,223



-1-

COPY OF PAPERS  
ORIGINALLY FILED

Docket No. C01104/70076

### DECLARATION FOR PATENT APPLICATION

COPY OF PAPERS  
ORIGINALLY FILED

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### ULTRAVIOLET LIGHT EMITTING DIODE SYSTEMS AND METHODS

the specification of which is attached hereto unless the following is checked:

[X] was filed on August 6, 2001, as United States Application No. 09/923,223, bearing attorney docket No. C01104/70076, and was amended on November 28, 2001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

			Priority Claimed	
			[ ]	[ ]
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES	NO
<hr/>				

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>60/235,678</u> (Application Number)	<u>September 27, 2000</u> (filing date)
<u>60/222,847</u> (Application Number)	<u>August 4, 2000</u> (filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>09/669,121</u> (Application No.)	<u>09/25/00</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/425,770</u> (Application No.)	<u>10/22/99</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>08/920,156</u> (Application No.)	<u>08/26/97</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>09/215,624</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,607</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,189</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,581</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,540</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/333,739</u> (Application No.)	<u>06/15/99</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/742,017</u> (Application No.)	<u>12/20/00</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/213,548</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>09/815,418</u> (Application No.)	<u>03/22/01</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)
<u>09/626,905</u> (Application No.)	<u>07/27/00</u> (filing date)	<u>pending</u> (status-patented, pending, abandoned)

<u>09/213,659</u> (Application No.)	<u>12/17/98</u> (filing date)	<u>patented</u> (status-patented, pending, abandoned)
<u>60/071,281</u> (Application No.)	<u>12/17/97</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)
<u>60/078,861</u> (Application No.)	<u>03/20/98</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)
<u>60/079,285</u> (Application No.)	<u>03/25/98</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)
<u>60/090,020</u> (Application No.)	<u>06/26/98</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)
<u>60/068,792</u> (Application No.)	<u>12/24/97</u> (filing date)	<u>abandoned</u> (status-patented, pending, abandoned)

## PCT International Applications designating the United States:

<u>(PCT Appl. No.)</u>	<u>(U.S. Ser. No.)</u>	<u>(PCT filing date)</u>	<u>(status-patented,pending,abandoned)</u>
------------------------	------------------------	--------------------------	--

<u>(PCT Appl. No.)</u>	<u>(U.S. Ser. No.)</u>	<u>(PCT filing date)</u>	<u>(status-patented,pending,abandoned)</u>
------------------------	------------------------	--------------------------	--

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen	40,886	Robert E. Hunt	39,231	Stanley Sacks	19,900
John N. Anastasi	37,765	Ronald J. Kransdorf	20,004	Robert A. Skrivanek, Jr.	41,316
Gary S. Engelson	35,128	Peter C. Lando	34,654	Alan W. Steele	45,128
Neil P. Ferraro	39,188	Helen C. Lockhart	39,248	Mark Steinberg	40,828
Thomas G. Field	45,596	Matthew B. Lowrie	38,228	Joseph Teja, Jr.	45,157
Stephen R. Finch	42,534	William R. McClellan	29,409	John R. Van Amsterdam	40,212
Edward R. Gates	31,616	Daniel P. McLoughlin	46,066	Robert H. Walat	46,324
Richard F. Giunta	36,149	James H. Morris	34,681	Lisa E. Winsor	44,405
Lawrence M. Green	29,384	Timothy J. Oyer	36,628	David Wolf	17,528
George L. Greenfield	17,756	Edward F. Perlman	28,105	Douglas R. Wolf	36,971
James M. Hanifin, Jr.	39,213	Elizabeth R. Plumer	36,637	Edward Nortrup	42,941
Steven J. Henry	27,900	Randy J. Pritzker	35,986		
Jason M. Honeyman	31,624	Edward J. Russavage	43,069		



Address all telephone calls to Richard F. Giunta at telephone no. (617) 720-3500. Address all correspondence to

Richard F. Giunta  
c/o Wolf, Greenfield & Sacks, P.C.,  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

---

Inventor's signature

---

Date

Full name of first inventor: Kevin J. Dowling  
Citizenship: U.S.A.  
Residence: 23 Village View Road, Westford, MA 01886  
Post Office Address: 23 Village View Road, Westford, MA 01886

---

Inventor's signature

---

Date

Full name of second inventor: Frederick M. Morgan  
Citizenship: U.S.A.  
Residence: 157 Butler Road, Quincy, MA 02169  
Post Office Address: 157 Butler Road, Quincy, MA 02169

---

Inventor's signature

---

Date

Full name of third inventor: George G. Mueller  
Citizenship: U.S.A.  
Residence: 234 Hanover Street, Boston, MA 02113  
Post Office Address: 234 Hanover Street, Boston, MA 02113

Serial No. 09/923,223

-5-

Docket Number: C01104/70076

\_\_\_\_\_  
Inventor's signature

\_\_\_\_\_  
Date

Full name of fourth inventor: Ihor A. Lys

Citizenship: U.S.A.

Residence: 476 Beacon Street, Apartment 6, Boston, MA 02115

Post Office Address: 476 Beacon Street, Apartment 6, Boston, MA 02115

  
\_\_\_\_\_  
Inventor's signature

\_\_\_\_\_  
Date

Full name of fifth inventor: Matthew L. Tullman

Citizenship: U.S.A.

Residence: 115 Thoreau Way, Lawrence, MA 01843

Post Office Address: 115 Thoreau Way, Lawrence, MA 01843